

ABSTRACT OF THE DISCLOSURE

5 A method of providing for synchronizing one or more
synchronous terminals with one or more synchronous endpoints,
each synchronous terminal and each synchronous endpoint having
an asynchronous communications network coupled between at
least one synchronous terminal and at least one synchronous
10 endpoint. A synchronization protocol is established between a
synchronous terminal and a synchronous end point by providing
a gateway between the asynchronous communications network and
the synchronous end point, the gateway communicating with the
15 synchronous terminal over the asynchronous communications
network in accordance with the synchronization protocol. The
synchronization protocol includes sending a message from the
gateway to the synchronous terminal, the message containing a
timestamp identifying a clock associated with the synchronous
20 end point. The synchronous terminal establishes a clock
associated with the synchronous terminal by creating a clock
estimate based upon the timestamp message and access jitter
expected from the asynchronous communications network such
25 that the clock associated with the synchronous terminal
enables packet sampling and transmission onto the asynchronous
communications network to and from the synchronous terminal to
be synchronized with the clock associated with the synchronous
end point.

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